

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: July 10, 2002, 08:24:38 ; Search time 105.49 Seconds
(without alignments)
53.386 Million cell updates/sec

Title: US-09-508-054-19
Perfect score: 87
Sequence: 1 YLRIVQCRSVESGCGF 16

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 3502263 seqs, 351980561 residues

Total number of hits satisfying chosen parameters: 3502263

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 150 summaries

Database : Pending_Patents_AA_Main.*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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ALIGNMENTS

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RESULT 1

US-09-508-054-19
; Sequence 19, Application US/09508054
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-WOON
; APPLICANT: JIANG, WOEL-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227/0156
; CURRENT APPLICATION NUMBER: US/09/508,054
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: PCT/AU98/00724
; PRIOR FILING DATE: 1998-09-04
; PRIOR APPLICATION NUMBER: AU P09001
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: AU P03098
; PRIOR FILING DATE: 1997-11-13
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-508-054-19

Query Match 100.0%; Score 87; DB 19; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.8e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 1 YLRVQCRSVEGSCGF 16
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RESULT 2

US-09-448-843A-7
; Sequence 7, Application US/09448843A
; GENERAL INFORMATION:
; APPLICANT: Wellis, James A.
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants
; FILE REFERENCE: P0501P1C7US
; CURRENT APPLICATION NUMBER: US/09/448,843A
; CURRENT FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 09/104,036
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: US 08/903,398
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 08/483,039
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/190,723
; PRIOR FILING DATE: 1994-02-02
; PRIOR APPLICATION NUMBER: US 07/960,227
; PRIOR FILING DATE: 1992-10-13
; PRIOR APPLICATION NUMBER: US 07/875,204
; PRIOR FILING DATE: 1992-04-27
; PRIOR APPLICATION NUMBER: US 07/428,066
; PRIOR FILING DATE: 1989-10-26
; PRIOR APPLICATION NUMBER: US 07/264,611
; PRIOR FILING DATE: 1988-10-28
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 7
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-448-843A-7

Query Match 95.4%; Score 83; DB 18; Length 25;
Best Local Similarity 93.8%; Pred. NO. 4.2e-06;

Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 10 FLRIVQCRSVEGSCGF 25

RESULT 3

US-09-448-843A-30
; Sequence 30, Application US/09448843A
; GENERAL INFORMATION:
; APPLICANT: Wells, James A.
; APPLICANT: Cunningham, Brian C.
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid
; FILE OF INVENTION: Residues in Polypeptides and Hormone Variants
; FILE REFERENCE: P0501P1C70S
; CURRENT APPLICATION NUMBER: US/09/448,843A
; CURRENT FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 09/104,036
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: US 08/903,398
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 08/483,039
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/190,723
; PRIOR FILING DATE: 1994-02-02
; PRIOR APPLICATION NUMBER: US 07/960,227
; PRIOR FILING DATE: 1992-10-13
; PRIOR APPLICATION NUMBER: US 07/875,204
; PRIOR FILING DATE: 1992-04-27
; PRIOR APPLICATION NUMBER: US 07/428,066
; PRIOR FILING DATE: 1989-10-26
; PRIOR APPLICATION NUMBER: US 07/264,611
; PRIOR FILING DATE: 1988-10-28
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 30
; LENGTH: 25
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-448-843A-30

Query Match 95.4%; Score 83; DB 18; Length 25;
Best Local Similarity 93.8%; Pred. No. 4.2e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 10 FLRIVQCRSVEGSCGF 25

RESULT 4

US-09-508-054-34
; Sequence 34, Application US/09508054
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-WOON
; APPLICANT: JIANG, WOEL-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227/0156
; CURRENT APPLICATION NUMBER: US/09/508,054
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: PCT/AU98/00724
; PRIOR FILING DATE: 1998-09-04
; PRIOR APPLICATION NUMBER: AU P09001
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: AU PP0398
; PRIOR FILING DATE: 1997-11-13
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-508-054-34

Query Match 95.4%; Score 83; DB 19; Length 26;
Best Local Similarity 93.8%; Pred. No. 4.3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 11 FLRIVQCRSVEGSCGF 26

RESULT 5

US-09-508-054-35
; Sequence 35, Application US/09508054
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-WOON
; APPLICANT: JIANG, WOEL-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227/0156
; CURRENT APPLICATION NUMBER: US/09/508,054
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: PCT/AU98/00724
; PRIOR FILING DATE: 1998-09-04
; PRIOR APPLICATION NUMBER: AU P09001
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: AU PP0398
; PRIOR FILING DATE: 1997-11-13
; NUMBER OF SEQ ID NOS: 52
; SEQ ID NO 35
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-508-054-35

Query Match 95.4%; Score 83; DB 19; Length 26;
Best Local Similarity 93.8%; Pred. No. 4.3e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 11 FLRIVQCRSVEGSCGF 26

RESULT 6

US-09-508-054-37
; Sequence 37, Application US/09508054
; GENERAL INFORMATION:
; APPLICANT: NG, FRANK MAN-WOON
; APPLICANT: JIANG, WOEL-JIA
; TITLE OF INVENTION: TREATMENT OF OBESITY
; FILE REFERENCE: 017227/0156
; CURRENT APPLICATION NUMBER: US/09/508,054
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: PCT/AU98/00724
; PRIOR FILING DATE: 1998-09-04
; PRIOR APPLICATION NUMBER: AU P09001
; PRIOR FILING DATE: 1997-09-08
; PRIOR APPLICATION NUMBER: AU PP0398
; PRIOR FILING DATE: 1997-11-13
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Rhesus sp.
US-09-508-054-37

Query Match 95.4%; Score 83; DB 19; Length 26;
Best Local Similarity 93.8%; Pred. No. 4.3e-06;

Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 11 FLRIVQCRSVEGSCGF 26

RESULT 7

US-60-187-385-557
; Sequence 557, Application US/60187385
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE REFERENCE: CL000334
; CURRENT APPLICATION NUMBER: US/60/187,385
; CURRENT FILING DATE: 2000-03-07
; NUMBER OF SEQ ID NOS: 922
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 557
; LENGTH: 39
; TYPE: PRT
; ORGANISM: HUMAN
US-60-187-385-557

Query Match 95.4%; Score 83; DB 26; Length 39;

Best Local Similarity 93.8%; Pred. No. 6.4e-06;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 24 FLRIVQCRSVEGSCGF 39

RESULT 8

PCT-US01-00663-31419
; Sequence 31419, Application PC/TUS0100663
; GENERAL INFORMATION:
; APPLICANT: Molecular Dynamics, Inc.
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; FILE REFERENCE: PB 0004 WO 7
; CURRENT APPLICATION NUMBER: PCT/US01/00663
; CURRENT FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 04 February 2000 (04.02.00)
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 26 May 2000 (26.05.00)
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 03 August 2000 (03.08.00)
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 03 October 2000 (03.10.00)
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 27 September 2000 (27.09.00)
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 21 September 2000 (21.09.00)
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 30 June 2000 (30.06.00)
; NUMBER OF SEQ ID NOS: 38837
; SOFTWARE: Molecular Dynamics Sequence Listing Engine
; SEQ ID NO 31419
; LENGTH: 65
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO J03071.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02

; OTHER INFORMATION: EST_HUMAN HIT: T29469.1, EVALUE 2.00e-33
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34
PCT-US01-00663-31419

Query Match 95.4%; Score 83; DB 1; Length 65;
Best Local Similarity 93.8%; Pred. No. 1.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 50 FLRIVQCRSVEGSCGF 65

RESULT 9

US-09-864-761-38342
; Sequence 38342, Application US/09864761
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharon G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FO
; FILE REFERENCE: Aeomica-X-1
; CURRENT APPLICATION NUMBER: US/09/864,761
; CURRENT FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/180,312
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 09/632,366
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 09/608,408
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/774,203
; PRIOR FILING DATE: 2001-01-29
; NUMBER OF SEQ ID NOS: 49117
; SOFTWARE: Anomax Sequence Listing Engine vers. 1.1
; SEQ ID NO 38342
; LENGTH: 65
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO J03071.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7

; OTHER INFORMATION: EST_HUMAN HIT: T29469.1, EVALUE 2.00e-33
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34
US-09-864-761-38342

Query Match 95.4%; Score 83; DB 22; Length 65;
Best Local Similarity 93.8%; Pred. No. 1.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 50 FLRIVQCRSVEGSCGF 65

RESULT 10

US-60-236-359-21623
; Sequence 21623, Application US/60236359
; GENERAL INFORMATION:
; APPLICANT: Penn, Sharron G.
; APPLICANT: Rank, David R.
; APPLICANT: Hanzel, David K.
; APPLICANT: Chen, Wensheng
; TITLE OF INVENTION: HUMAN GENOME-DERIVED SINGLE EXON NUCLEIC ACID PROBES USEFUL FOR
; TITLE OF INVENTION: GENE EXPRESSION ANALYSIS BY MICROARRAY
; FILE REFERENCE: MDHMORF-4P
; CURRENT APPLICATION NUMBER: US/60/236,359
; CURRENT FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; NUMBER OF SEQ ID NOS: 21709
; SOFTWARE: Molecular Dynamics Sequence Listing Engine
; SEQ ID NO 21623
; LENGTH: 65
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: MAP TO J03071.1
; OTHER INFORMATION: EXPRESSED IN PLACENTA, SIGNAL = 1.1e+02
; OTHER INFORMATION: EXPRESSED IN HEART, SIGNAL = 1.7
; OTHER INFORMATION: EST_HUMAN HIT: T29469.1, EVALUE 2.00e-33
; OTHER INFORMATION: SWISSPROT HIT: P01242, EVALUE 3.00e-34
US-60-236-359-21623

Query Match 95.4%; Score 83; DB 26; Length 65;
Best Local Similarity 93.8%; Pred. No. 1.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 50 FLRIVQCRSVEGSCGF 65

RESULT 11

US-60-192-739-3898
; Sequence 3898, Application US/60192739
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL000406
; CURRENT APPLICATION NUMBER: US/60/192,739
; CURRENT FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 4532
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3898
; LENGTH: 100
; TYPE: PRT
; ORGANISM: HUMAN
US-60-192-739-3898

Query Match 95.4%; Score 83; DB 26; Length 100;
Best Local Similarity 93.8%; Pred. No. 1.6e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 85 FLRIVQCRSVEGSCGF 100

RESULT 12

US-60-194-243-2820
; Sequence 2820, Application US/60194243
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL000417
; CURRENT APPLICATION NUMBER: US/60/194,243
; CURRENT FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2820
; LENGTH: 100
; TYPE: PRT
; ORGANISM: HUMAN
US-60-194-243-2820

Query Match 95.4%; Score 83; DB 26; Length 100;
Best Local Similarity 93.8%; Pred. No. 1.6e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 85 FLRIVQCRSVEGSCGF 100

RESULT 13

US-60-192-739-3895
; Sequence 3895, Application US/60192739
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,
; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: CL000406
; CURRENT APPLICATION NUMBER: US/60/192,739
; CURRENT FILING DATE: 2000-03-28
; NUMBER OF SEQ ID NOS: 4532
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3895
; LENGTH: 115
; TYPE: PRT
; ORGANISM: HUMAN
US-60-192-739-3895

Query Match 95.4%; Score 83; DB 26; Length 115;
Best Local Similarity 93.8%; Pred. No. 1.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 100 FLRIVQCRSVEGSCGF 115

RESULT 14

US-60-194-243-2817
; Sequence 2817, Application US/60194243
; GENERAL INFORMATION:
; APPLICANT: Bonazzi, Vivien
; TITLE OF INVENTION: ISOLATED HUMAN SECRETED PROTEINS,

; TITLE OF INVENTION: NUCLEIC ACID MOLECULES ENCODING HUMAN SECRETED PROTEINS, AND
; FILE OF INVENTION: USES THEREOF
; FILE REFERENCE: CLO00417
; CURRENT APPLICATION NUMBER: US/60/194,243
; CURRENT FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2817
; LENGTH: 115
; TYPE: PRT
; ORGANISM: HUMAN
US-60-194-243-2817

Query Match 95.4%; Score 83; DB 26; Length 115;
Best Local Similarity 93.8%; Pred. No. 1.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 100 FLRIVQCRSVEGSCGF 115

RESULT 15
US-08-668-469A-1
; Sequence 1, Application US/08668469A
; GENERAL INFORMATION:
; APPLICANT: ASADA, Noriaki
; APPLICANT: IKEDA, Miwa
; APPLICANT: HONJO, Masaru
; APPLICANT: HORIKOMI, Kazutoshi
; APPLICANT: KAMIOKA, Takeshi
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SNECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/668,469A
; FILING DATE: 25-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 163572/1995
; FILING DATE: 29-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 316883/1995
; FILING DATE: 05-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 029430-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-668-469A-1

Query Match 95.4%; Score 83; DB 10; Length 176;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 16
US-08-668-469A-2
; Sequence 2, Application US/08668469A
; GENERAL INFORMATION:
; APPLICANT: ASADA, Noriaki
; APPLICANT: IKEDA, Miwa
; APPLICANT: HONJO, Masaru
; APPLICANT: HORIKOMI, Kazutoshi
; APPLICANT: KAMIOKA, Takeshi
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SNECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/668,469A
; FILING DATE: 25-JUN-1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 163572/1995
; FILING DATE: 29-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 316883/1995
; FILING DATE: 05-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 029430-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-668-469A-2

Query Match 95.4%; Score 83; DB 10; Length 176;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 17
US-08-990-774-1
; Sequence 1, Application US/08990774
; GENERAL INFORMATION:
; APPLICANT: ASADA, Noriaki

```
; APPLICANT: IKEDA, Miwa
; APPLICANT: HONJO, Masaru
; APPLICANT: HORIKOMI, Takeshi
; APPLICANT: KAMIOKA, Takeshi
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/990,774
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/668,469
; FILING DATE: 25-JUN-1996
; APPLICATION NUMBER: JP 163572/1995
; FILING DATE: 29-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 316883/1995
; FILING DATE: 05-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 029430-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-990-774-1

Query Match 95.4%; Score 83; DB 13; Length 176;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 18
PCT-US95-01130-2
; Sequence 2, Application US/08990774
; GENERAL INFORMATION:
; APPLICANT: ASADA, Noriaki
; APPLICANT: IKEDA, Miwa
; APPLICANT: HONJO, Masaru
; APPLICANT: HORIKOMI, Takeshi
; APPLICANT: KAMIOKA, Takeshi
; TITLE OF INVENTION: HUMAN GROWTH HORMONE AGENT FOR ADULTS
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: United States
```

```
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/990,774
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/668,469
; FILING DATE: 25-JUN-1996
; APPLICATION NUMBER: JP 163572/1995
; FILING DATE: 29-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 316883/1995
; FILING DATE: 05-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 029430-306
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 176 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-990-774-2

Query Match 95.4%; Score 83; DB 13; Length 176;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 161 FLRIVQCRSVEGSCGF 176

RESULT 19
PCT-US95-01130-6
; Sequence 6, Application PC/TUS9501130
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: 27 JAN 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
```

; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
PCT-US95-01130-6

Query Match 95.4%; Score 83; DB 1; Length 177;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||

Db 162 FLRIVQCRSVEGSCGF 177

RESULT 20
US-08-710-324-6
; Sequence 6, Application US/08710324
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,324
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: January 27, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
US-08-710-324-6

Query Match 95.4%; Score 83; DB 11; Length 177;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16

Db 162 FLRIVQCRSVEGSCGF 177
:|||||

RESULT 21
US-09-411-657-6
; Sequence 6, Application US/09411657
; GENERAL INFORMATION:
; APPLICANT: ROSEN, et al.
; TITLE OF INVENTION: Human Growth Factor
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/710,324
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF104D1.SKB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 177 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
US-09-411-657-6

Query Match 95.4%; Score 83; DB 18; Length 177;
Best Local Similarity 93.8%; Pred. No. 2.9e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||

Db 162 FLRIVQCRSVEGSCGF 177

RESULT 22
PCT-US98-14497-1
; Sequence 1, Application PC/TUS9814497
; GENERAL INFORMATION:
; APPLICANT: Cox III, George N
; APPLICANT: Bolder Biotechnology, Inc.
; TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
; FILE REFERENCE: BB0011
; CURRENT APPLICATION NUMBER: PCT/US98/14497
; CURRENT FILING DATE: 1998-07-13
; EARLIER APPLICATION NUMBER: 60/052,516
; EARLIER FILING DATE: 1997-07-14
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 191
; TYPE: PRT

; ORGANISM: Homo sapiens
PCT-US98-14497-1

Query Match 95.4%; Score 83; DB 1; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.le-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 176 FLRIVQCRSVEGSCGF 191
:|||||

RESULT 23

US-09-448-843A-1
; Sequence 1, Application US/09448843A
; GENERAL INFORMATION:
; APPLICANT: Wells, James A.
; APPLICANT: Cunningham, Brian C.
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants
; FILE REFERENCE: P0501P1C7US
; CURRENT APPLICATION NUMBER: US/09/448,843A
; CURRENT FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 09/104,036
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: US 08/903,398
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 08/483,039
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/190,723
; PRIOR FILING DATE: 1994-02-02
; PRIOR APPLICATION NUMBER: US 07/960,227
; PRIOR FILING DATE: 1992-10-13
; PRIOR APPLICATION NUMBER: US 07/875,204
; PRIOR FILING DATE: 1992-04-27
; PRIOR APPLICATION NUMBER: US 07/428,066
; PRIOR FILING DATE: 1989-10-26
; PRIOR APPLICATION NUMBER: US 07/264,611
; PRIOR FILING DATE: 1988-10-28
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 1
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-448-843A-1

Query Match 95.4%; Score 83; DB 18; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.le-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 176 FLRIVQCRSVEGSCGF 191
:|||||

RESULT 24

US-09-462-941-1
; Sequence 1, Application US/09462941
; GENERAL INFORMATION:
; APPLICANT: Cox III, George N
; APPLICANT: Bolder Biotechnology, Inc.
; TITLE OF INVENTION: Derivatives of Growth Hormone and Related Proteins
; FILE REFERENCE: 4152-1-PUS
; CURRENT APPLICATION NUMBER: US/09/462,941
; CURRENT FILING DATE: 2000-01-14
; PRIOR APPLICATION NUMBER: 60/052,516
; PRIOR FILING DATE: 1997-07-14
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 191

; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-462-941-1

Query Match 95.4%; Score 83; DB 18; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.le-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 176 FLRIVQCRSVEGSCGF 191
:|||||

RESULT 25

US-09-554-451-1
; Sequence 1, Application US/09554451
; GENERAL INFORMATION:
; APPLICANT: Jonathan Paul MURPHY
; APPLICANT: Anthony ATKINSON
; TITLE OF INVENTION: Detection of Molecules in Samples
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1100 New York Ave., N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/554,451
; FILING DATE: 15-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/03449
; FILING DATE: November 16, 1998
; APPLICATION NUMBER: GB 9723955.2
; FILING DATE: November 14, 1997
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 191 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-554-451-1

Query Match 95.4%; Score 83; DB 19; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.le-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 176 FLRIVQCRSVEGSCGF 191
:|||||

RESULT 26

US-09-554-451-3
; Sequence 3, Application US/09554451
; GENERAL INFORMATION:
; APPLICANT: Jonathan Paul MURPHY
; APPLICANT: Anthony ATKINSON
; TITLE OF INVENTION: Detection of Molecules in Samples
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Winthrop, L.L.P.
; STREET: 1100 New York Ave., N.W.

; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; MEDIUM TYPE: Diskette
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/554,451
; FILING DATE: 15-May-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/03449
; FILING DATE: November 16, 1998
; APPLICATION NUMBER: GB 9723955.2
; FILING DATE: November 14, 1997
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 191 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-554-451-3

Query Match 95.4%; Score 83; DB 19; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 27
US-09-824-200-12
; Sequence 12, Application US/09824200
; GENERAL INFORMATION:
; APPLICANT: RUSSELL, DOUGLAS A.
; APPLICANT: SCHLITTLER, MICHAEL
; TITLE OF INVENTION: EXPRESSION AND PURIFICATION OF BIOACTIVE, AUTHENTIC
; TITLE OF INVENTION: POLYPEPTIDES FROM PLANTS
; FILE REFERENCE: 16712.0031
; CURRENT APPLICATION NUMBER: US/09/824,200
; CURRENT FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 60/194,217
; PRIOR FILING DATE: 2000-04-03
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-824-200-12

Query Match 95.4%; Score 83; DB 22; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 28
US-60-347-448-3
; Sequence 3, Application US/60347448
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda

; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.PRO1
; CURRENT APPLICATION NUMBER: US/60/347,448
; CURRENT FILING DATE: 2001-11-09
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 191
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: MISC_FEATURE
; LOCATION: (13)..(13)
; OTHER INFORMATION: Ala or Val
; NAME/KEY: MISC_FEATURE
; LOCATION: (25)..(25)
; OTHER INFORMATION: Phe, Ile, or Tyr
; NAME/KEY: MISC_FEATURE
; LOCATION: (29)..(29)
; OTHER INFORMATION: Gln or Ter
; NAME/KEY: MISC_FEATURE
; LOCATION: (47)..(47)
; OTHER INFORMATION: Asn or Thr
; NAME/KEY: MISC_FEATURE
; LOCATION: (79)..(79)
; OTHER INFORMATION: Ser or Cys
; NAME/KEY: MISC_FEATURE
; LOCATION: (153)..(153)
; OTHER INFORMATION: Asp or His
US-60-347-448-3

Query Match 95.4%; Score 83; DB 26; Length 191;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 176 FLRIVQCRSVEGSCGF 191

RESULT 29
US-09-076-675-23
; Sequence 23, Application US/09076675
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; TITLE OF INVENTION: Therapeutic and Diagnostic Use
; FILE REFERENCE: UCSF-018/01US
; CURRENT APPLICATION NUMBER: US/09/076,675
; CURRENT FILING DATE: 1998-05-12
; EARLIER APPLICATION NUMBER: 60/046,394
; EARLIER FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 23
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-076-675-23

Query Match 95.4%; Score 83; DB 14; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 177 FLRIVQCRSVEGSCGF 192

```

; Sequence 29, Application US/09819094
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 29
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-819-094-29

Query Match          95.4%; Score 83; DB 22; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 33
US-07-766-142B-4
; Sequence 4, Application US/07766142B
; GENERAL INFORMATION:
; APPLICANT: Daley, Michael J.
; APPLICANT: Buckwalter, Brian L.
; APPLICANT: Cady, Susan M.
; APPLICANT: Shieh, Hong-Ming
; APPLICANT: Bohlen, Peter
; APPLICANT: Seddon, Andrew P.
; TITLE OF INVENTION: Stabilization Of Somatotropins And Other
; FILE REFERENCE: Proteins By Modification Of Cysteine Residues
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Estelle J. Tsevdos
; STREET: 1937 West Main Street, P.O. Box 60
; CITY: Stamford
; STATE: Connecticut
; COUNTRY: U.S.A.
; ZIP: 06904-0060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766,142B
; FILING DATE: 19910925
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31,145
; REFERENCE/DOCKET NUMBER: 31,278-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-321-2756
; TELEFAX: 203-321-2971
; TELEX: 203-710-474-4059
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 amino acids
;

; Sequence 29, Application US/09076675
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/01US
; CURRENT APPLICATION NUMBER: US/09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; EARLIER FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 29
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-076-675-29

Query Match          95.4%; Score 83; DB 14; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 31
US-09-819-094-23
; Sequence 23, Application US/09819094
; GENERAL INFORMATION:
; APPLICANT: Weiner, Richard I.
; APPLICANT: Martial, Joseph A.
; APPLICANT: Struman, Ingrid
; APPLICANT: Taylor, Robert
; APPLICANT: Bentzien, Frauke
; TITLE OF INVENTION: Novel Antiangiogenic Peptide Agents and Their
; FILE REFERENCE: UCSF-018/02US
; CURRENT APPLICATION NUMBER: US/09/819,094
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: 09/076,675
; PRIOR FILING DATE: 1998-05-12
; PRIOR APPLICATION NUMBER: 60/046,394
; PRIOR FILING DATE: 1997-05-12
; NUMBER OF SEQ ID NOS: 34
; SEQ ID NO 23
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-819-094-23

Query Match          95.4%; Score 83; DB 22; Length 192;
Best Local Similarity 93.8%; Pred. No. 3.1e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRVQCRSVEGSCGF 16
Db 177 FLRIVQCRSVEGSCGF 192

RESULT 32
US-09-819-094-29
```

;
; TYPE: AMINO ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-07-766-142B-4

Query Match 95.4%; Score 83; DB 3; Length 194;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 179 FLRIVQCRSVEGSCGF 194

RESULT 34

US-07-766-142C-4
; Sequence 4, Application US/07766142C
; GENERAL INFORMATION:
; APPLICANT: Daley, Michael J.
; APPLICANT: Buckwalter, Brian L.
; APPLICANT: Cady, Susan M.
; APPLICANT: Shieh, Hong-Ming
; APPLICANT: Bohlen, Peter
; APPLICANT: Seddon, Andrew P.
; TITLE OF INVENTION: Stabilization Of Somatotropins And Other
; TITLE OF INVENTION: Proteins By Modification Of Cysteine Residues
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Estelle J. Tsevdos
; STREET: 1937 West Main Street, P.O. Box 60
; CITY: Stamford
; STATE: Connecticut
; COUNTRY: U.S.A.
; ZIP: 06904-0060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/766.142C
; FILING DATE: 19910925
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos, Estelle J.
; REGISTRATION NUMBER: 31,145
; REFERENCE/DOCKET NUMBER: 31,278-01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-321-2756
; TELEFAX: 203-321-2971
; TELEX: 203-710-474-4059
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 194 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-07-766-142C-4

Query Match 95.4%; Score 83; DB 3; Length 194;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 179 FLRIVQCRSVEGSCGF 194

RESULT 35

PCT-US95-01130-5
; Sequence 5, Application PC/TUS9501130
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: 27 JAN 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 198 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
PCT-US95-01130-5

Query Match 95.4%; Score 83; DB 1; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

RESULT 36

US-08-710-324-5
; Sequence 5, Application US/08710324
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1

Query Match 95.4%; Score 83; DB 1; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,324
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: January 27, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 198 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
; US-08-710-324-5

Query Match          95.4%; Score 83; DB 11; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

RESULT 37
US-09-411-657-5
; Sequence 5, Application US/09411657
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Growth Factor
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/710,324
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF104D1.SKB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 198 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
```

```
US-09-411-657-5

Query Match          95.4%; Score 83; DB 18; Length 198;
Best Local Similarity 93.8%; Pred. No. 3.2e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 183 FLRIVQCRSVEGSCGF 198

RESULT 38
US-09-856-796A-2
; Sequence 2, Application US/09856796A
; GENERAL INFORMATION:
; APPLICANT: HIRSCH, FRANCOIS
; APPLICANT: HAEFFNER, ASTRID
; TITLE OF INVENTION: NF-KB ACTIVATION INHIBITORS, AND THEIR PHARMACEUTICAL
; FILE REFERENCE: USB98CNRN
; CURRENT APPLICATION NUMBER: US/09/856,796A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/FR99/02897
; PRIOR FILING DATE: 1999-11-24
; PRIOR APPLICATION NUMBER: FR 98/14858
; PRIOR FILING DATE: 1998-11-25
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 202
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-856-796A-2

Query Match          95.4%; Score 83; DB 22; Length 202;
Best Local Similarity 93.8%; Pred. No. 3.3e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 YLRIVQCRSVEGSCGF 16
Db 187 FLRIVQCRSVEGSCGF 202

RESULT 39
US-09-448-843A-9
; Sequence 9, Application US/09448843A
; GENERAL INFORMATION:
; APPLICANT: Wells, James A.
; APPLICANT: Cunningham, Brian C.
; TITLE OF INVENTION: Method for Identifying Active Domains and Amino Acid
; TITLE OF INVENTION: Residues in Polypeptides and Hormone Variants
; FILE REFERENCE: P0501PIC7US
; CURRENT APPLICATION NUMBER: US/09/448,843A
; CURRENT FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 09/104,036
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: US 08/903,398
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 08/483,039
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/190,723
; PRIOR FILING DATE: 1994-02-02
; PRIOR APPLICATION NUMBER: US 07/960,227
; PRIOR FILING DATE: 1992-10-13
; PRIOR APPLICATION NUMBER: US 07/875,204
; PRIOR FILING DATE: 1992-04-27
; PRIOR APPLICATION NUMBER: US 07/428,066
; PRIOR FILING DATE: 1989-10-26
; PRIOR APPLICATION NUMBER: US 07/264,611
; PRIOR FILING DATE: 1988-10-28
; NUMBER OF SEQ ID NOS: 31
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; SEQ ID NO 9
; LENGTH: 214
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-448-843A-9

Query Match 95.4%; Score 83; DB 18; Length 214;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 199 FLRIVQCRSVEGSCGF 214

RESULT 40
PCT-US01-25477-9
; Sequence 9, Application PC/TUS0125477
; GENERAL INFORMATION:
; APPLICANT: Phage Biotechnology Corporation
; TITLE OF INVENTION: PHAGE-DEPENDENT SUPER PRODUCTION OF
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES
; FILE REFERENCE: PHAGE.006VPC
; CURRENT APPLICATION NUMBER: PCT/US01/25477
; PRIOR FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 09/318,288
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US01-25477-9

Query Match 95.4%; Score 83; DB 1; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 41
PCT-US01-25477A-9
; Sequence 9, Application PC/TUS0125477A
; GENERAL INFORMATION:
; APPLICANT: Phage Biotechnology Corporation
; TITLE OF INVENTION: PHAGE-DEPENDENT SUPER PRODUCTION OF
; TITLE OF INVENTION: BIOLOGICALLY ACTIVE PROTEIN AND PEPTIDES
; FILE REFERENCE: PHAGE.006VPC
; CURRENT APPLICATION NUMBER: PCT/US01/25477A
; CURRENT FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: 09/318,288
; PRIOR FILING DATE: 1999-05-25
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-US01-25477A-9

Query Match 95.4%; Score 83; DB 1; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||

Db 202 FLRIVQCRSVEGSCGF 217

RESULT 42
PCT-US95-01130-4
; Sequence 4, Application PC/TUS9501130
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01130
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: 27 JAN 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
PCT-US95-01130-4

Query Match 95.4%; Score 83; DB 1; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 43
US-08-710-324-4
; Sequence 4, Application US/08710324
; GENERAL INFORMATION:
; APPLICANT: ROSEN, ET AL.
; TITLE OF INVENTION: Human Growth Hormone
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CARELLA, BYRNE, BAIN, GILFILLAN,
; ADDRESSEE: CECCHI, STEWART & OLSTEIN
; STREET: 6 BECKER FARM ROAD
; CITY: ROSELAND
; STATE: NEW JERSEY
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 INCH DISKETTE

```
;
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: WORD PERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/710,324
; FILING DATE: 16-SEP-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/187,756
; FILING DATE: January 27, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: FERRARO, GREGORY D.
; REGISTRATION NUMBER: 36,134
; REFERENCE/DOCKET NUMBER: 325800-55
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-994-1700
; TELEFAX: 201-994-1744
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 AMINO ACIDS
; TYPE: AMINO ACID
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
;
US-08-710-324-4

Query Match 95.4%; Score 83; DB 11; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 44
US-09-411-657-4
; Sequence 4, Application US/09411657
; GENERAL INFORMATION:
; APPLICANT: Rosen, et al.
; TITLE OF INVENTION: Human Growth Factor
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Human Genome Sciences, Inc.
; STREET: 9410 Key West Avenue
; CITY: Rockville
; STATE: MD
; COUNTRY: USA
; ZIP: 20850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/411,657
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/710,324
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Brookes, A. Anders
; REGISTRATION NUMBER: 36,373
; REFERENCE/DOCKET NUMBER: PF104D1.SKB
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 301-309-8504
; TELEFAX: 301-309-8439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 217 AMINO ACIDS
; TYPE: AMINO ACID
```

```
;
; STRANDEDNESS:
; TOPOLOGY: LINEAR
; MOLECULE TYPE: PROTEIN
;
US-09-411-657-4

Query Match 95.4%; Score 83; DB 18; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 45
US-09-571-024-1
; Sequence 1, Application US/09571024
; GENERAL INFORMATION:
; APPLICANT: FILIKOV, ANTON
; APPLICANT: DAHIYAT, BASSIL I
; TITLE OF INVENTION: NOVEL NUCLEIC ACIDS AND PROTEINS WITH GROWTH HORMONE
; TITLE OF INVENTION: ACTIVITY
; FILE REFERENCE: A-67477-1/RET/RMS/RMK
; CURRENT APPLICATION NUMBER: US/09/571,024
; CURRENT FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: 60/133,784
; PRIOR FILING DATE: 1999-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-571-024-1

Query Match 95.4%; Score 83; DB 19; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217

RESULT 46
US-09-760-481-170
; Sequence 170, Application US/09760481
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PT264
; CURRENT APPLICATION NUMBER: US/09/760,481
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - refer to PALM or file wrapper
; NUMBER OF SEQ ID NOS: 317
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 170
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
;
US-09-760-481-170

Query Match 95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
Db 202 FLRIVQCRSVEGSCGF 217
```

```
RESULT 47
; US-09-760-483-446
; Sequence 446, Application US/09760483
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PJ214
; CURRENT APPLICATION NUMBER: US/09/760,483
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 856
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 446
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-760-483-446
```

```
Query Match          95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217
```

```
RESULT 48
; US-09-760-489-98
; Sequence 98, Application US/09760489
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC012
; CURRENT APPLICATION NUMBER: US/09/760,489
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 98
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-760-489-98
```

```
Query Match          95.4%; Score 83; DB 21; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217
```

```
RESULT 49
; US-09-853-688-2
; Sequence 2, Application US/09853688
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
```

```
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-853-688-2
```

```
Query Match          95.4%; Score 83; DB 22; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217
```

```
RESULT 50
; US-09-853-688-4
; Sequence 4, Application US/09853688
; GENERAL INFORMATION:
; APPLICANT: COOPER, DAVID N.
; APPLICANT: PROCTER, ANNIE M.
; APPLICANT: GREGORY, JOHN
; APPLICANT: MILLAR, DAVID S.
; TITLE OF INVENTION: METHOD FOR DETECTING GROWTH HORMONE VARIATIONS IN
; FILE REFERENCE: WCM78
; CURRENT APPLICATION NUMBER: US/09/853,688
; CURRENT FILING DATE: 2001-05-14
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-853-688-4
```

```
Query Match          95.4%; Score 83; DB 22; Length 217;
Best Local Similarity 93.8%; Pred. No. 3.5e-05;
Matches 15; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 YLRIVQCRSVEGSCGF 16
:|||||
Db 202 FLRIVQCRSVEGSCGF 217
```

```
Search completed: July 10, 2002, 08:27:52
Job time: 194 sec
```


Pending Nucleic Acid and/or Pending Amino Acid database searches now generate two sets of results. These databases were split into two parts to reduce the time needed to update the databases daily. The split freed up more machine time for processing searches.

Searches run against the Nucleic Acid Pending database produce two sets of results, with the extensions, **.rnpm** and **.rnpn**

Searches run against the Amino Acid Pending database produce two sets of results, with the extensions, **.rapm** and **.rapn**

The Pending database search results should not be left in the case because they contain data that is confidential.

